

Serial No. 09/ _____

In the Claims:

Please cancel Claims 1-3 and add the following new set of claims:

03 1/ 4. (New) A stent having a coating containing rapamycin, said coating formed from a polymer mixed carrier containing the rapamycin; and said coating applied to said stent.

Sub B15 5. (New) The stent of claim 4 wherein said rapamycin is contained in the coating at a weight percentage of 0.0001% to 30%.

6. (New) The stent of claim 4 wherein the polymer is biocompatible and degradable.

7. (New) The stent of claim 6 wherein the polymer is chosen from: lactone-based polyesters, lactone-based copolyesters; polyanhydrides; poly-aminoacids; polysaccharides; polyphosphazenes; poly(ether-ester) copolymers, and blends of such polymers.

8. (New) The stent of claim 4 wherein the polymer is nonabsorbable.

9. (New) The stent of claim 8 wherein the polymer is chosen from: polydimethylsiloxane; poly(ethylene)vinylacetate; poly(hydroxy)ethyl-methylmethacrylate, polyvinyl pyrrolidone; polytetrafluoroethylene; and cellulose esters.

2 10. (New) The stent of claim 4 wherein the stent is dip-coated.

3% 11. (New) The stent of claim 4 wherein the stent is sprayed with said coating.

12. (New) The stent of claim 4 further comprising:
a generally thin walled cylinder, said cylinder containing a plurality of generally solid struts, said applied to said strut, and a channel formed in at least one of said struts, said channel having a closed perimeter on all sides and an open top, and said channel smaller in all dimensions than said strut, said channel containing a reservoir of said rapamycin coating applied therein.

Sub C2 10 13. (New) The stent of claim 4 wherein the coating is applied to the inside and the outside of the stent.

Sub C3 11 14. (New) A method for applying a stent in the body comprising:
mixing rapamycin to a polymer based coating;
said polymer based coating containing rapamycin in the amount of a weight ration of 0.0001% to about 30%;
applying said coating to said stent; and
expanding said stent within the body.